



PN01-547-1-3



PN01-547-1-17



PN01-547-1-10

Gyroscopic Deviation Tool

Problem

The INEEL's Radioactive Waste Management Complex Remediation project needed to improve the accuracy of subsurface mapping by measuring the deviation of boreholes.

Baseline Technology

Measuring borehole deviation using magnetic devices.

Innovative Technology

The Gyroscopic Deviation Tool uses a digital gyroscope to measure borehole alignment.

Comparison

The accuracy of this tool is not effected by buried metal objects or naturally occurring magnetic fields.

Benefits

This tool improves measurement of borehole deviation and increases confidence in the accuracy of subsurface maps.



ENVIRONMENTAL RESTORATION PROGRAM

Project: ID-ER-107
Radioactive Waste Management Complex Remediation